



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Doralum Corporation
7040 N. W. 77 Terri
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "100" Aluminum Out swing Doors w/ Sidelites - Impact

APPROVAL DOCUMENT: Drawing No. W01-20, titled "Series 100 Alum Swing Door w/ Sidelites", sheets 1 through 6 of 6, prepared by Al Farooq Corp., dated 01-24-02 last revised on Mar 21, 2007, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 01-0724.10 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

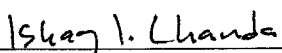


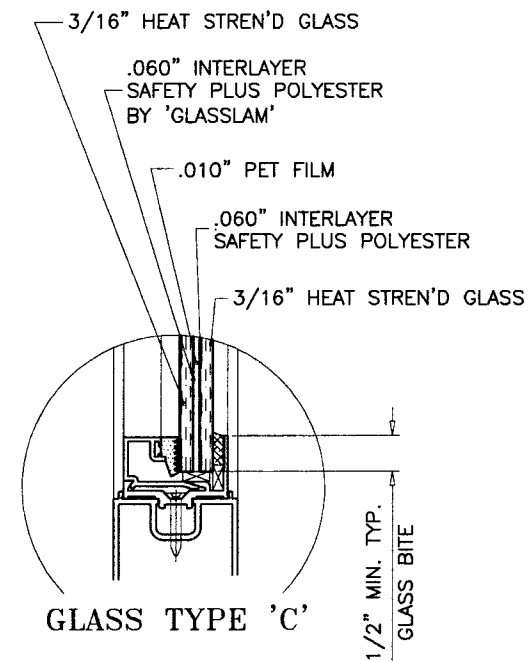
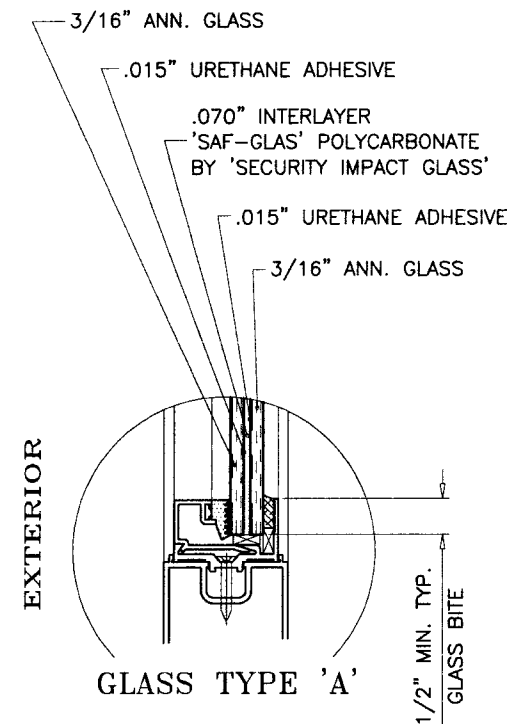
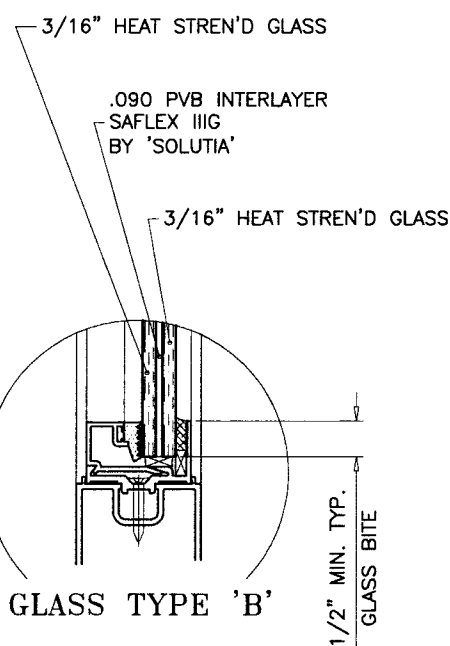
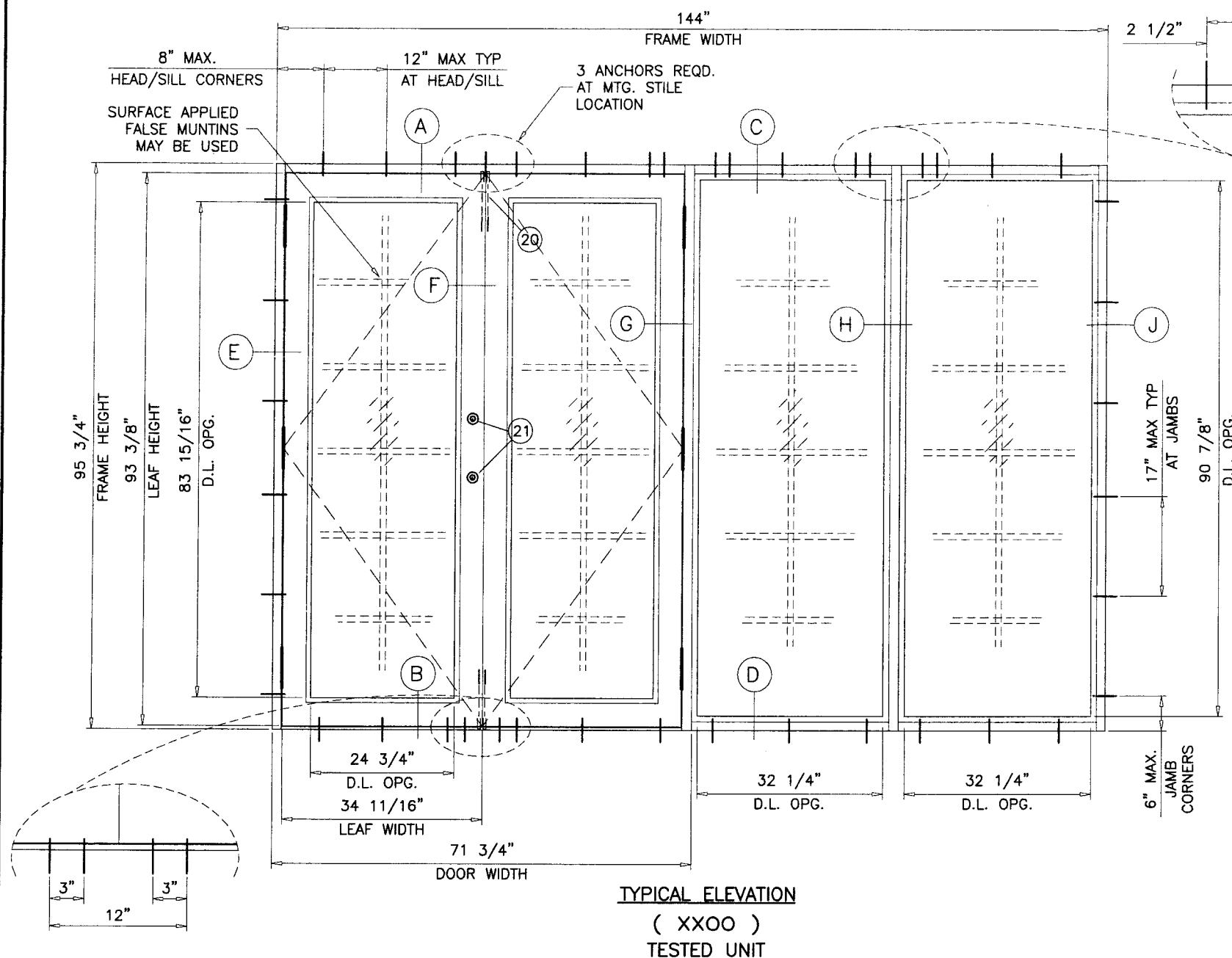
NOA No 07-0109.08
Expiration Date: April 11, 2012
Approval Date: April 12, 2007
Page 1

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3/23/17

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (transferred from file # **01-0724.10**)
1. Manufacturer's die drawings and sections.
 2. Drawing No. **W01-20**, titled "Series 100 Alum Swing Door w/ Sidelites", sheets 1 through 6 of 6, prepared by Al Farooq Corp., dated 01/24/01 and last revised on Mar 21, 2007, signed and sealed by Dr. Humayoun Farooq, P.E.
- B. TESTS** (transferred from file # **01-0724.10**) Original test conducted per SFBC, PA 201, 202 & 203-94 now termed as FBC, TAS 201, 202 & 203-94
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
- Along with installation diagram of an outswing doors w/ sidelites prepared by Fenestration Testing Laboratory Inc, dated March 21, 2001 Test Report No.1 (**FTL-2811**), signed and sealed by Antonio Acevedo, P.E and revised by addendum letter, issued by FTL, signed and sealed by Luis Figueredo, P. E.
- C. CALCULATIONS**
1. Anchor verification calculations & comparative analysis, complying w/ FBC 2004 prepared by Al-Farooq Corporation, dated 12/15/06, signed and sealed by Dr. Humayoun Farooq, P.E.
 2. Glazing Complies with ASTM E-1300-02
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. 02-1205.03 issued to Security Impact Glass Holdings L.L.C. for "SAF GLAS", expiring on 12/16/07.
 2. Notice of Acceptance No. 03-0916.02 issued to Nebula Glass International Inc. for "Glasslam Safety-Plus Laminated Glass", expiring on 09/09/08.
 3. Notice of Acceptance No. 06-0216.06 issued to Solutia Inc. for "Saflex ", expiring on 05/21/11.
- F. STATEMENTS**
1. Statement letter of conformance & "No financial interest", dated 12/15/06, signed and sealed by Dr.Humayoun Farooq, P.E.
 2. Statement of laboratory compliance, as part of above referenced test reports.
- G. OTHER**
1. This NOA **revises & renews** NOA # **01-0724.10** expired on April 11, 2007.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 07-0109.08
Expiration Date: April 11, 2012
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SERIES-100 ALUMINUM SWING DOOR W/ SIDELITES

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES. SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR. SEE SHEET 2 FOR DESIGN LOAD CAPACITIES.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

DOORS/SIDELITES ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

GLAZING OPTIONS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0109-08
Expiration Date APR 11, 2012
By: *[Signature]*
Miami State Product Control
Division

MAR 21 2007

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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COMP-ANL\W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES
DORALUM CORPORATION
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MEDLEY, FL. 33166
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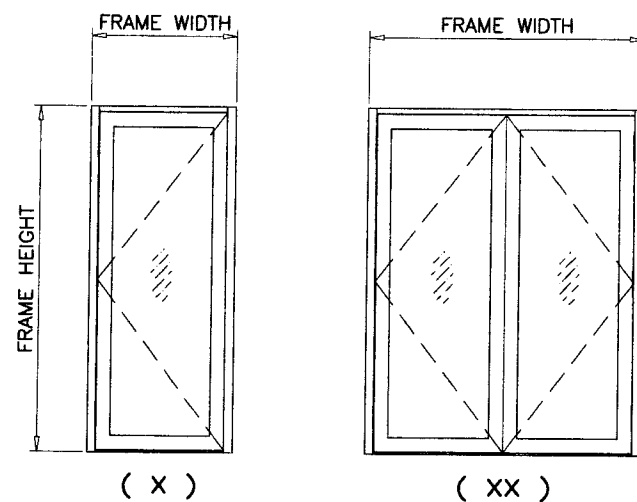
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| A | 01.24.02 | REV. PER BCCO COMMENTS | |
| B | 12.12.06 | UPDATED FOR 2204 FBC | |

revisions:
date: 04-21-01
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W01-20

sheet 1 of 6

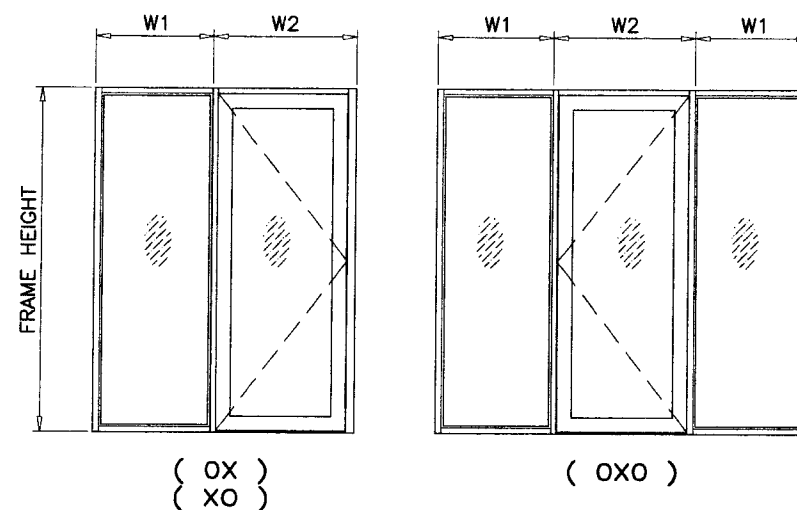
| DOORS WITHOUT SIDELITES | | | |
|----------------------------|------------------------|-----------------------------|---------|
| DESIGN LOAD CAPACITY - PSF | | | |
| NOMINAL DIMS. | | GLASS TYPES 'A', 'B' OR 'C' | |
| PANEL WIDTH FT./IN. | DOOR HEIGHT FT./IN. | EXT.(+) | INT.(-) |
| 2/6 | 6/8 | 62.0 | 81.0 |
| 3/0 | | 62.0 | 81.0 |
| 2/6 | 8/0 | 62.0 | 81.0 |
| 3/0 | | 62.0 | 81.0 |



| NOMINAL HEIGHT | FRAME HEIGHT | LEAF HEIGHT | DAYLITE OPG. |
|----------------|--------------|-------------|--------------|
| 6/8 | 79-7/8" | 77-3/8" | 67-5/8" |
| 8/0 | 95-7/8" | 93-3/8" | 83-5/8" |

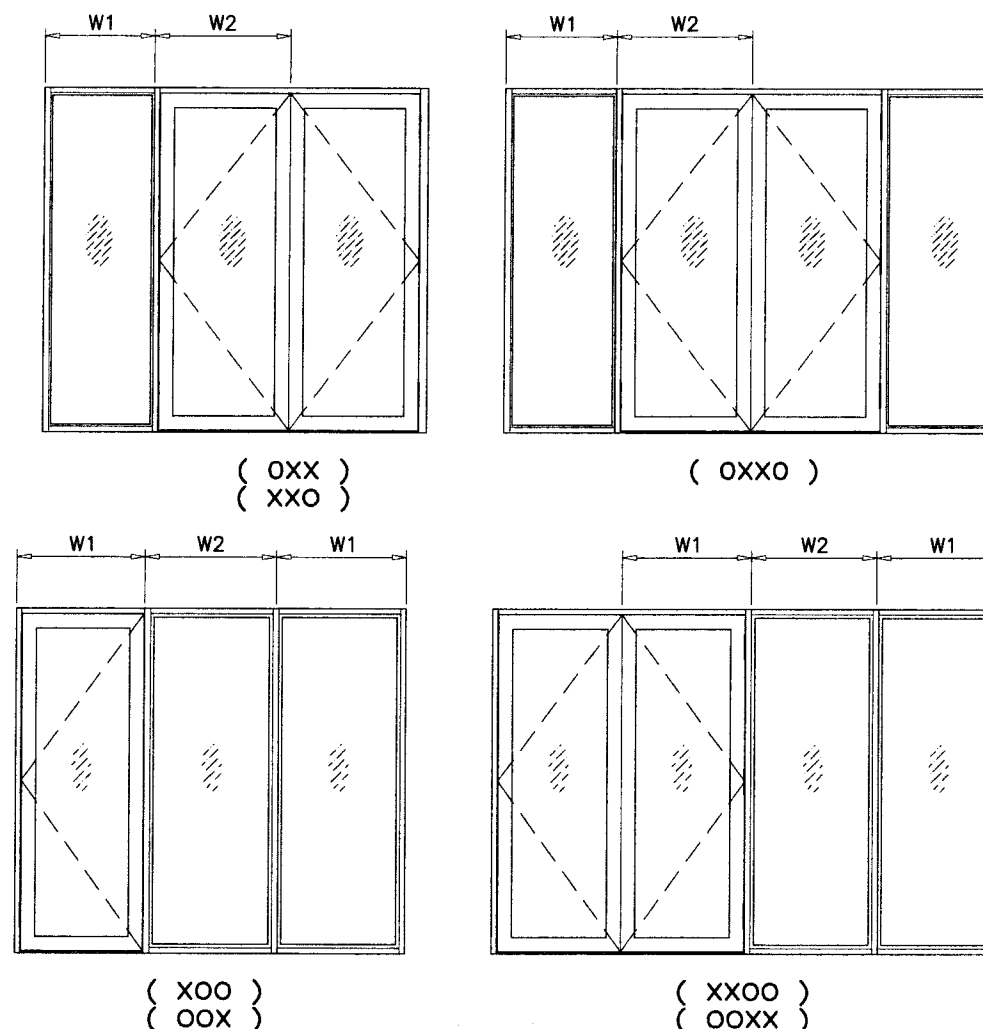
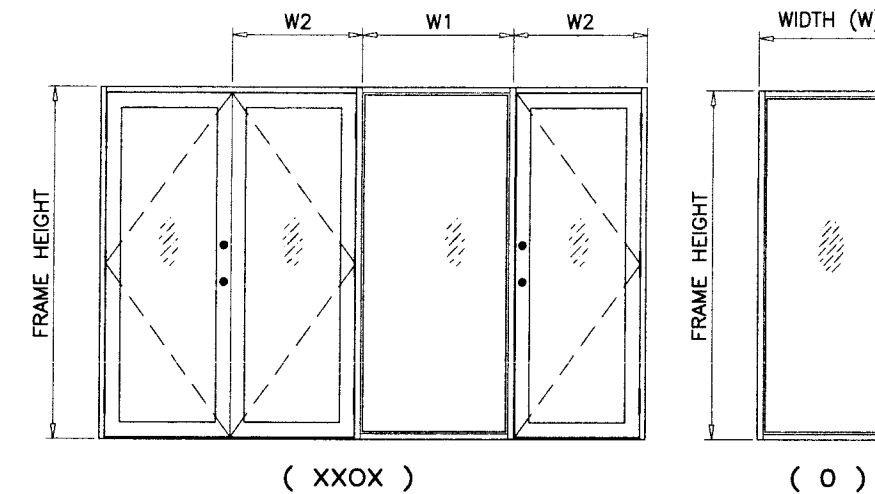
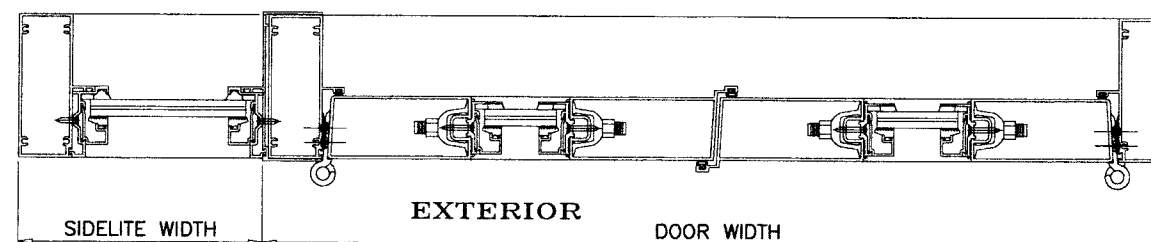
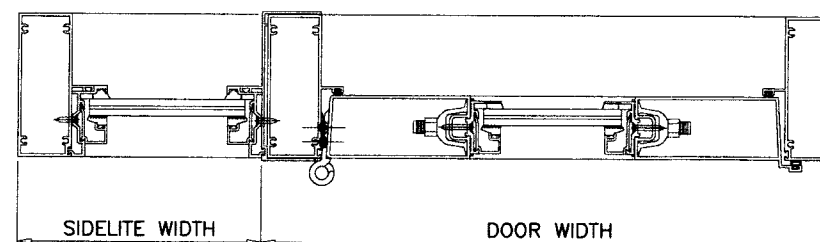
| NOMINAL WIDTH | FRAME WIDTH | LEAF WIDTH | DAYLITE OPG. |
|---------------|-------------|------------|--------------|
| 2/6 (X) | 31-1/2" | 28-11/16" | 18-15/16" |
| 3/0 (X) | 37-1/2" | 34-11/16" | 24-15/16" |
| 5/0 (XX) | 59-3/4" | 28-11/16" | 18-15/16" |
| 6/0 (XX) | 71-3/4" | 34-11/16" | 24-15/16" |

| STATIONARY PANEL (O) OR DOORS WITH SIDELITES | | | | | |
|---|-------------------------|----------------|----------|----------------------|----------|
| DESIGN LOAD CAPACITY - PSF | | | | | |
| WIDTH (W) INCHES | FRAME HEIGHT FT./IN. | GLASS TYPE 'A' | | GLASS TYPE 'B' & 'C' | |
| | | EXT. (+) | INT. (-) | EXT. (+) | INT. (-) |
| 32 | 7/0 | 62.0 | 81.0 | 62.0 | 81.0 |
| 33 | | 62.0 | 78.3 | 62.0 | 81.0 |
| 34 | | 62.0 | 69.8 | 62.0 | 81.0 |
| 35 | | 62.0 | 66.5 | 62.0 | 81.0 |
| 36 | | 62.0 | 63.1 | 62.0 | 81.0 |
| 32 | 8/0 | 62.0 | 81.0 | 62.0 | 81.0 |
| 33 | | 62.0 | 78.3 | 62.0 | 79.2 |
| 34 | | 62.0 | 69.8 | 62.0 | 78.3 |
| 35 | | 62.0 | 66.5 | 62.0 | 77.6 |
| 36 | | 62.0 | 63.1 | 62.0 | 76.5 |



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

(FOR DOORS WITH SIDELITES)



MAR 21 2007

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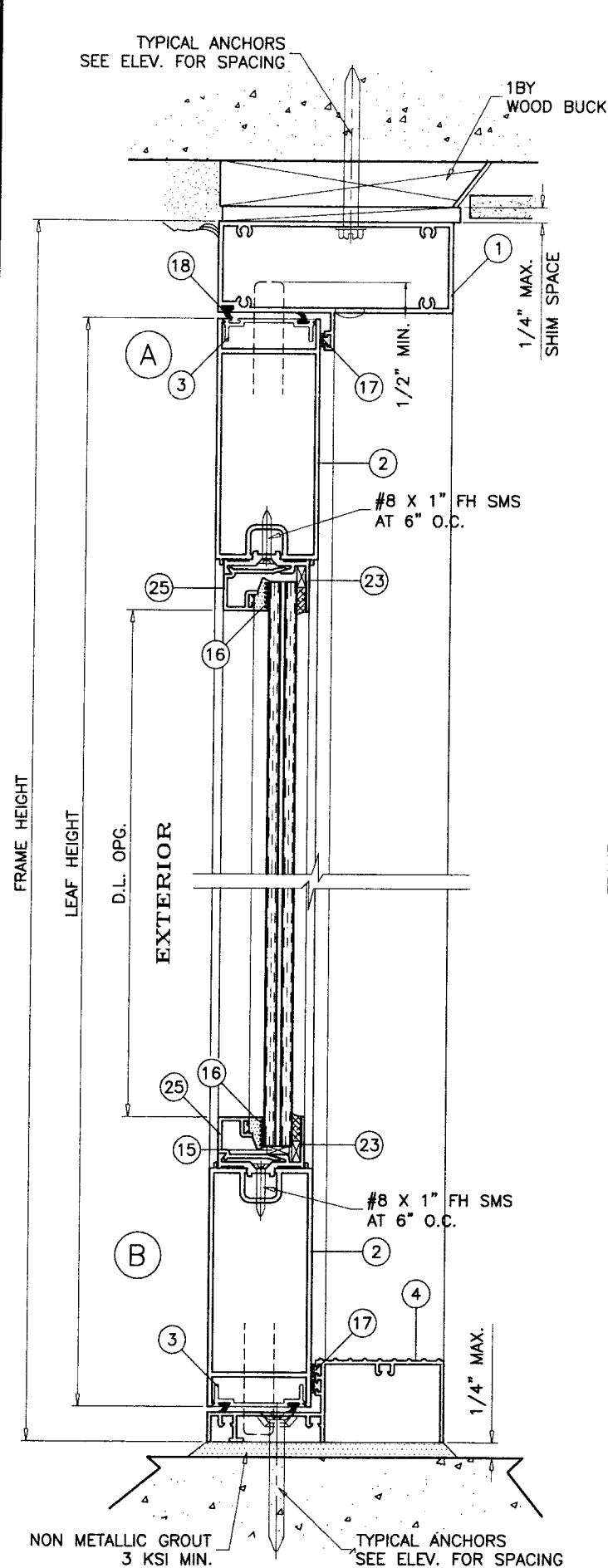
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DORALUM CORPORATION
7040 N.W. 77 TER.
MEDLEY, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

| revisions: | | |
|------------|----------|----------------------|
| no | date | by description |
| B | 12.12.06 | UPDATED FOR 2204 FBC |
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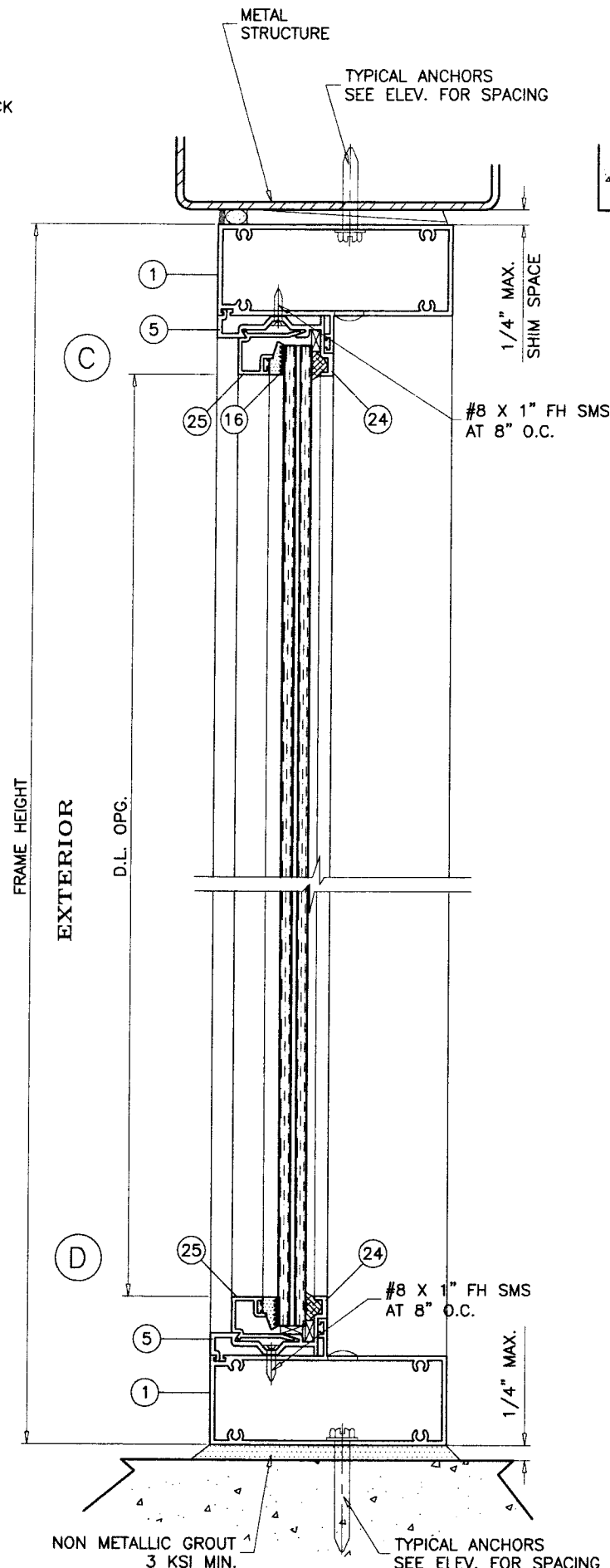
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scale: -
dr. by: HAMID
chk. by:

drawing no.
W01-20

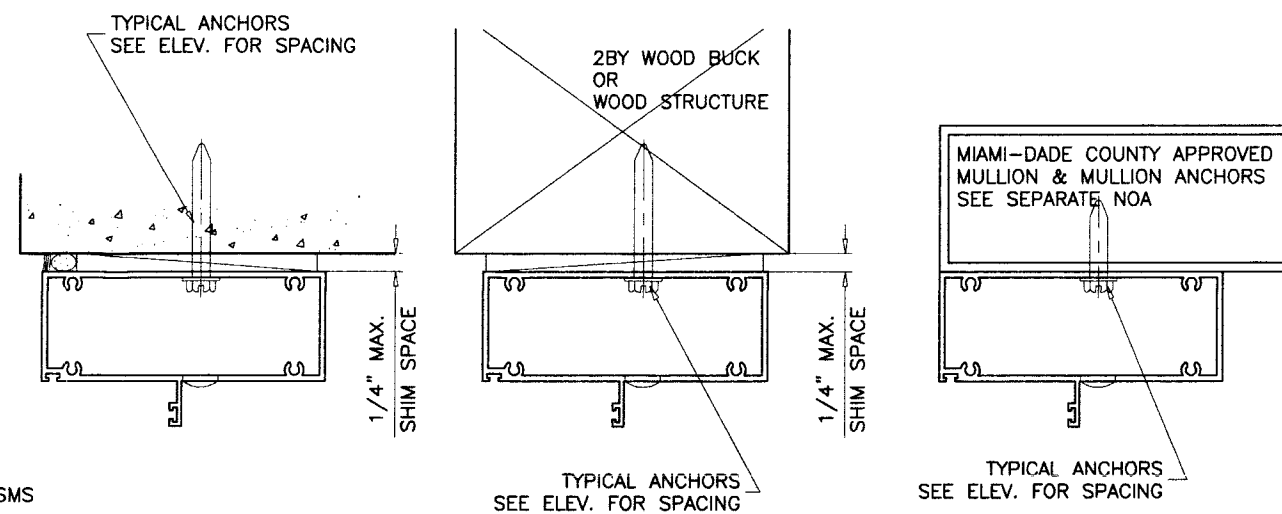
sheet 2 of 6



OPERABLE UNITS



STATIONARY UNITS



WOOD BUCKS AND METAL STRUCTURE NOT BY DORALUM MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS BY 'ELCO'

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 SMS OR SELF DRILLING SCREWS

INTO DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
(NO SHIM SPACE)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 5/8" MIN.

SEALANTS:

FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH CLEAR COLORED SEALANT.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 07-0109.08
Expiration Date APR 11, 2012
By: Ishag L. Chande
Miami Dade Product Control
Division

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

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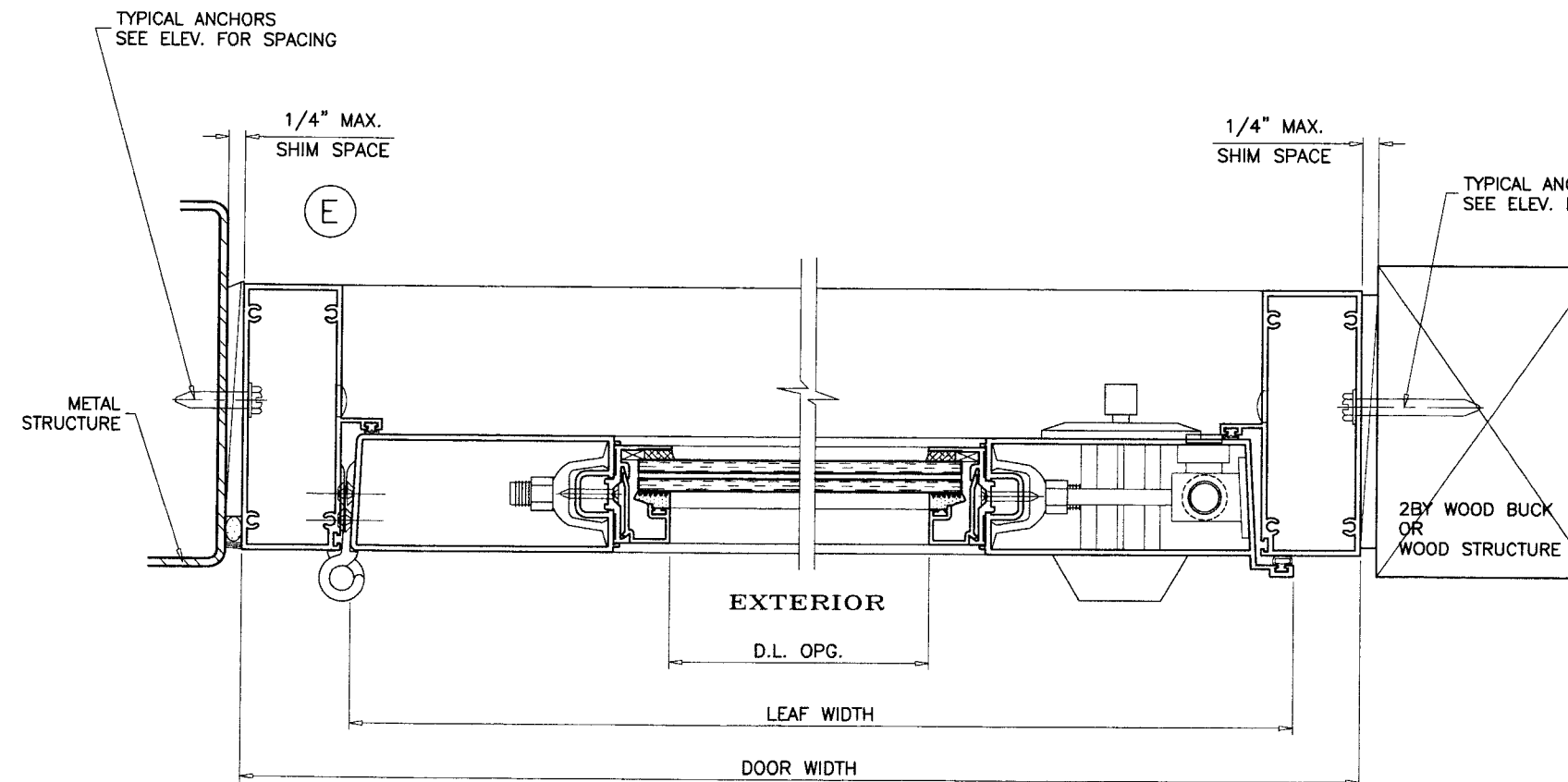
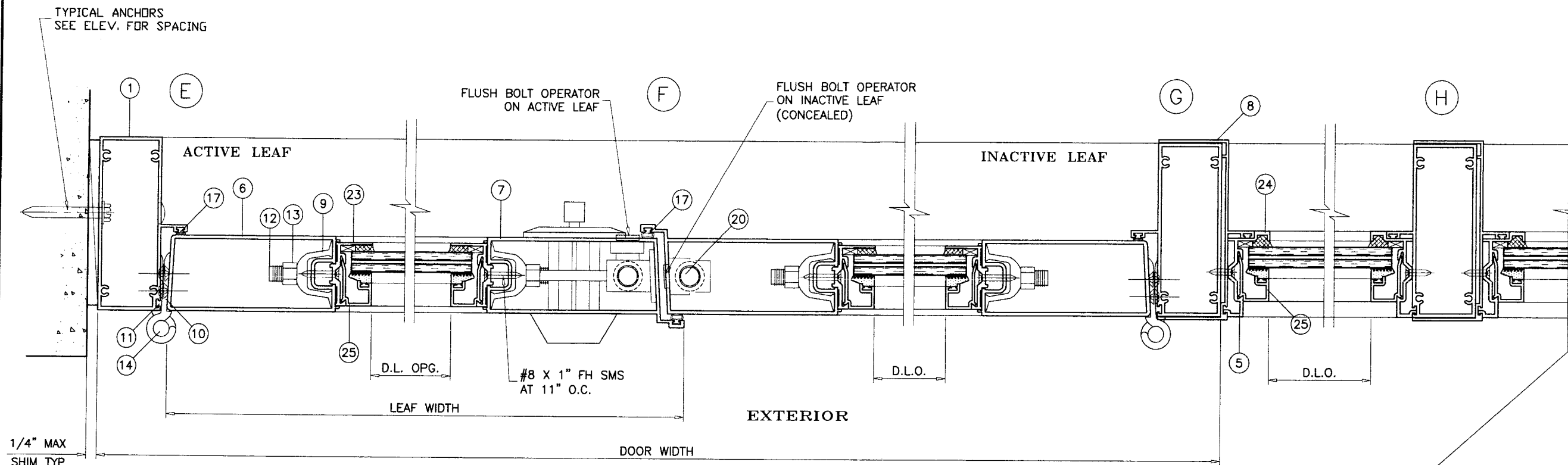
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| no | date | by description |
| B | 12.12.06 | UPDATED FOR 2204 FBC |

date: 04-21-01
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

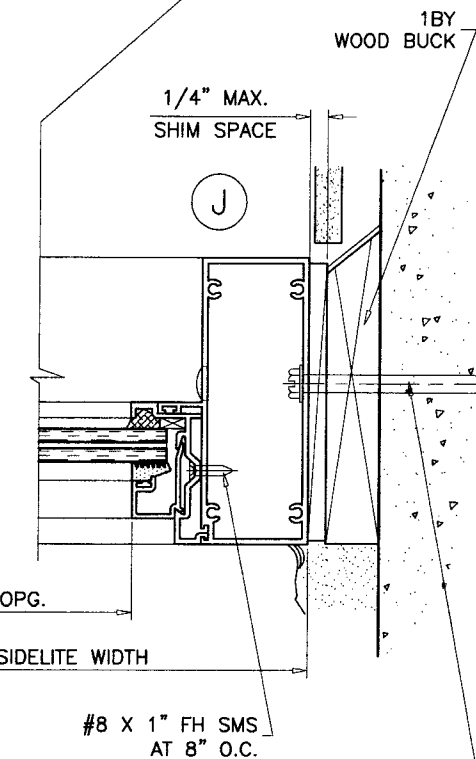
drawing no.
W01-20
sheet 3 of 6



PRODUCT RENEWED
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Miami Dade Product Control
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Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
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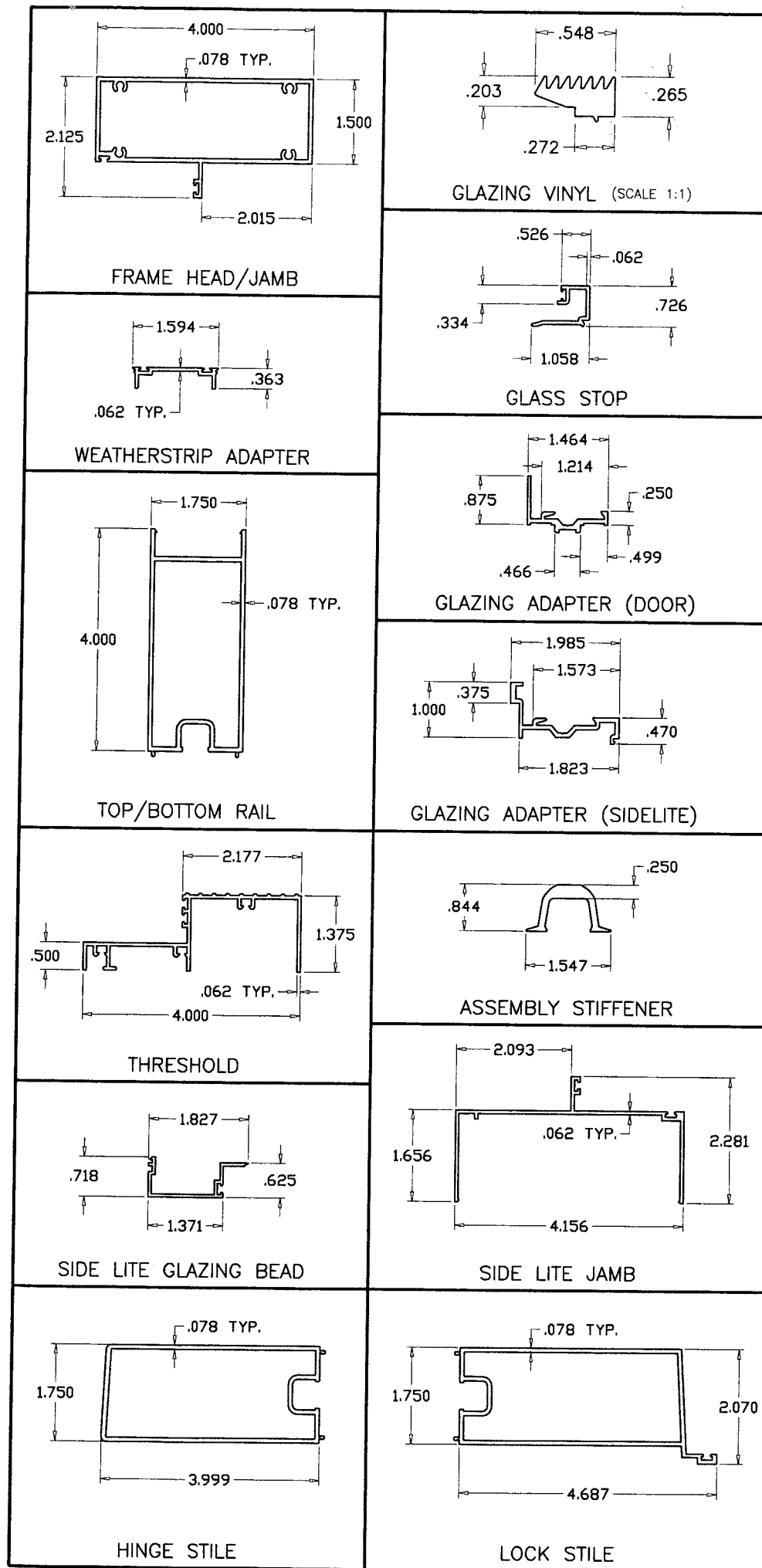
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| dr. by: | HAMID |
| chk. by: | |

drawing no.
W01-20

sheet 4 of 6



| ITEM # | PART # | REQD. | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|---------------|----------|-----------------------------------|----------|------------------------|
| 1 | SW-28899 | 3/DOOR | FRAME HEAD/JAMB | 6063-T6 | - |
| 2 | SW-28900 | 2/LEAF | DOOR TOP/BOTTOM RAIL | 6061-T6 | - |
| 3 | SW-28904 | AS REQD. | WEATHERSTRIP ADAPTER | 6063-T6 | - |
| 4 | SW-28898 | 1/DOOR | THRESHOLD | 6063-T6 | - |
| 6 | SW-28896 | 1/LEAF | HINGE STILE | 6063-T6 | - |
| 7 | SW-28901 | 1/LEAF | LOCK STILE | 6063-T6 | - |
| 8 | SW-28897 | AS REQD. | SIDELITE JAMB | 6063-T6 | - |
| 9 | SW-28903 | 1/CORNER | ASSEMBLY STIFFENER | 6063-T6 | - |
| 10 | SW-29244 | 3/LEAF | HINGE DOOR PORTION | 6063-T6 | - |
| 11 | SW-29245 | 3/LEAF | HINGE FRAME PORTION | 6063-T6 | - |
| 12 | - | 2/LEAF | 3/8" X 16 X 32" LONG THREADED ROD | STEEL | - |
| 13 | - | 2/LEAF | 3/8" X 16 NUT | - | - |
| 14 | - | 1/HINGE | 5/16" X 6" ROD | STEEL | PLATED STEEL |
| 15 | - | 8/LEAF | 1/4" SETTING BLOCK | NYLON | - |
| 16 | - | AS REQD. | GLAZING VINYL | VINYL | - |
| 17 | PW-101 | AS REQD. | BULB WEATHERSTRIPPING | VINYL | - |
| 18 | PB-8400 | AS REQD. | PILE WEATHERSTRIPPING | - | SCHLEGEL |
| 19 | SILICONE PLUS | - | SILICONE | - | DOW CORNING |
| 20 | 5025 | AS REQD. | FLUSH BOLTS | - | DELTA IND. |
| 21 | CP-B111 | - | ENTRY LOCKSET | - | TACO OR WESTLOCK |
| 22 | #8X3/4" PHSMS | AS REQD. | ASSEMBLY SCREWS | - | AT ALL FRAME JOINTS |
| 23 | DOR-018 | AS REQD. | GLAZING ADAPTER (DOOR) | 6063-T6 | - |
| 24 | DOR-017 | AS REQD. | GLAZING ADAPTER (SIDELITE) | 6063-T6 | - |
| 25 | DOR-019 | AS REQD. | GLASS STOP | 6063-T6 | - |

LOCKS:

STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 45" FROM BOTTOM

CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 38" FROM BOTTOM

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF EACH LEAF LOCK STILE

(FLUSH BOLTS AT TOP & BOTTOM OF ACTIVE AND INACTIVE LEAFS TO BE ENGAGED DURING PERIODS OF HURRICANE WARNING)

HINGES:

EXTRUDED ALUMINUM BUTT HINGE

1/8" THICK AND 7-1/2" LONG WITH 5/16" PLATED STEEL ROD AT EACH LEAF JAMB STILE ONE EACH AT 10" FROM TOP & BOTTOM AND ONE AT MIDSPAN

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By Ishag I. Lhagide
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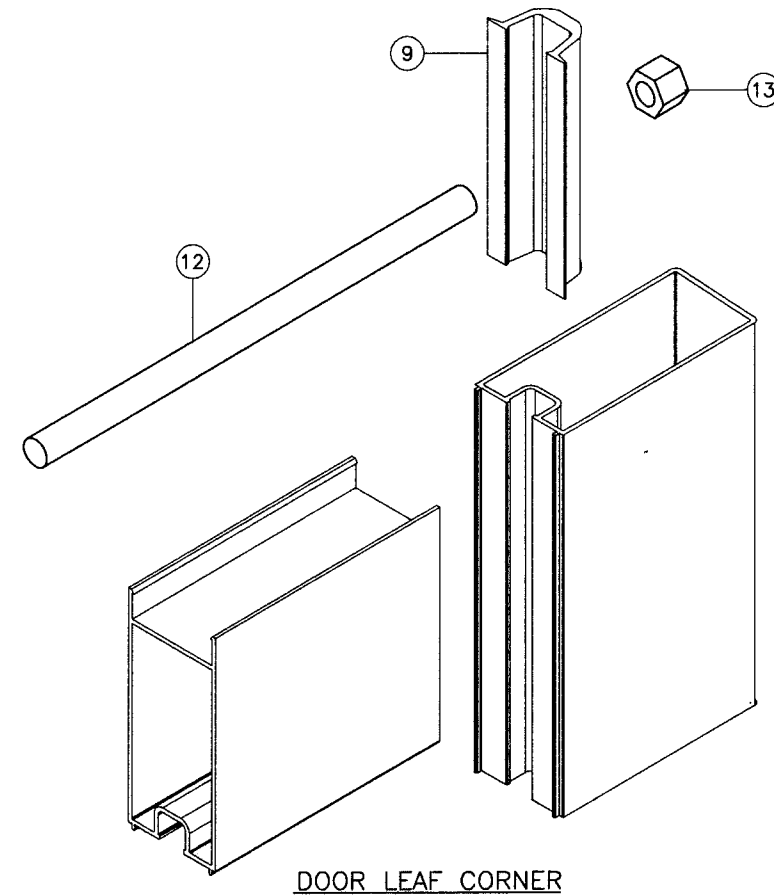
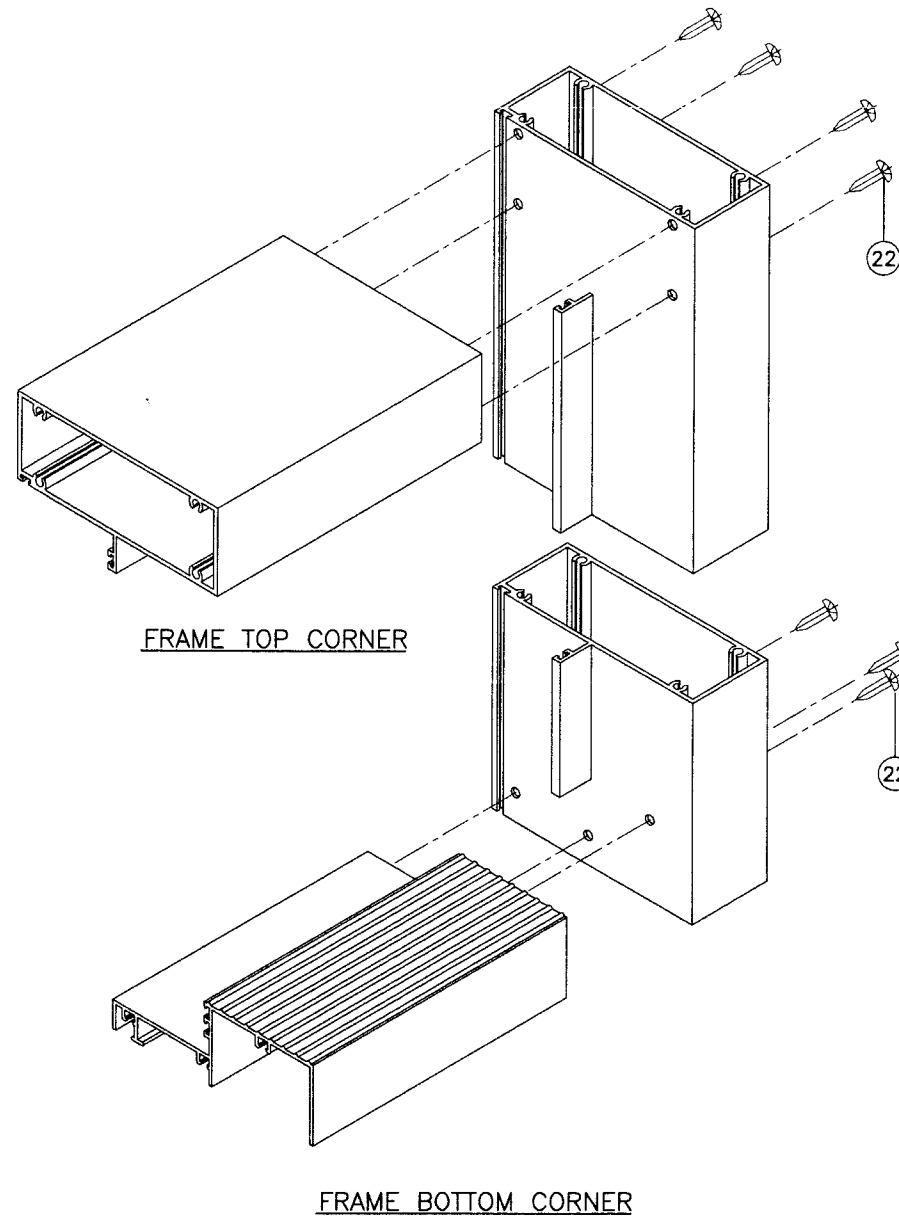
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| | B | 12.12.06 | | UPDATED FOR 2204 FBC |

date: 04-21-01
scale: 3/8" = 1"
dr. by: HAMID
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sheet 5 of 6



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